

**EXPRESS MAIL LABEL NO. EL746146774US**

**ABSTRACT OF THE INVENTION**

**5       METHOD OF SEALING TWO SUBSTRATES WITH A  
NON-EPOXY OR EPOXY-ACRYLATE SEALANT USING LASER RADIATION**

A method of joining two panels during the manufacturing of a LCD display employing the ODF (One Drop Fill) assembly technique. Using this method, the liquid crystal is deposited on one of the substrate's interior to the glue seal. The glue 10 seal is pre-deposited near the peripheral edge of the substrates. The two substrates are then brought in contact with one another. The glue seal must be cured rapidly in order to seal the entire periphery while avoiding contamination between the glue seal, in the liquid state and the liquid crystal. The present invention teaches the use 15 of a non-epoxy glue sealant, which is cured using photoinitiators. Experimental research has discovered the use of photons that are derived from laser beams and the control thereof. This allows for a faster, lower temperature cure.

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